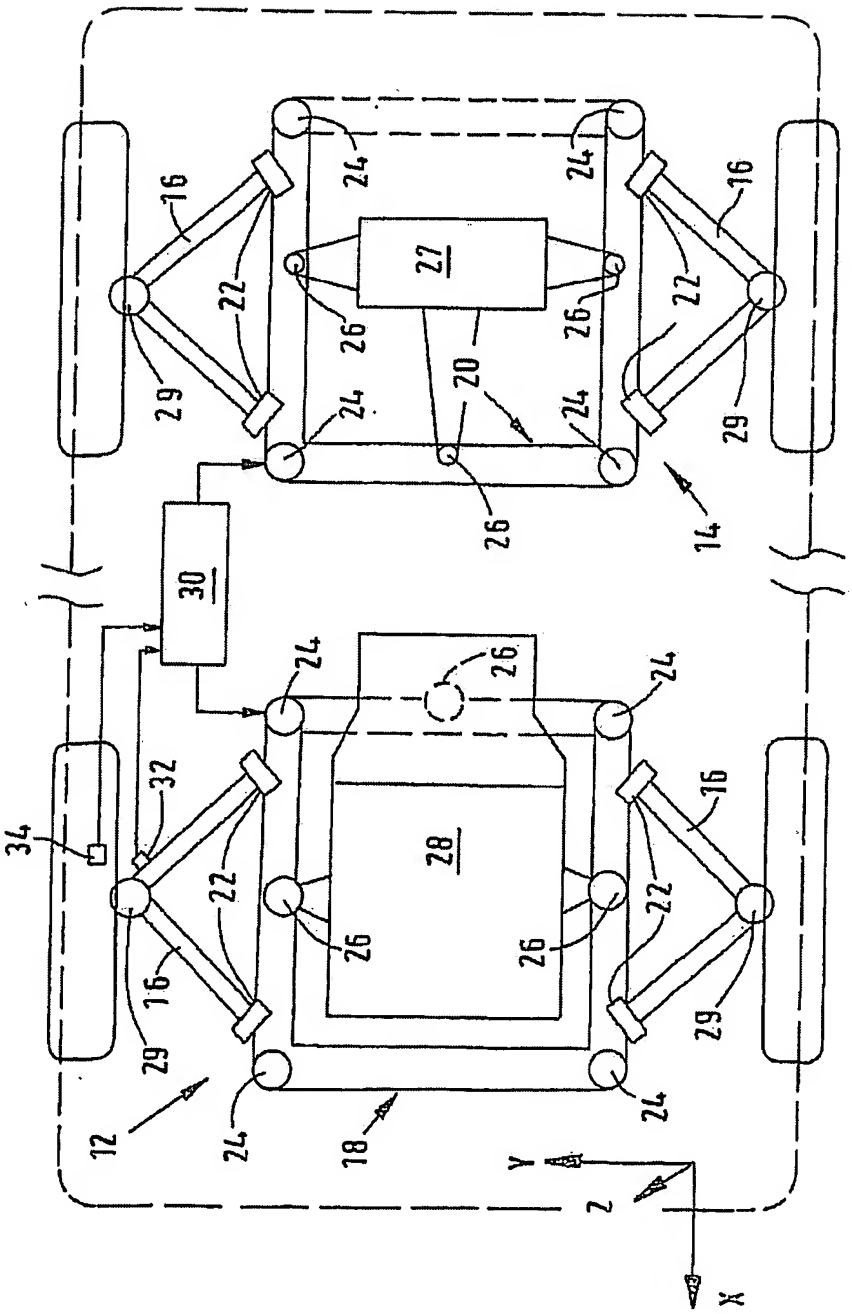


FIG.1

FIG.3

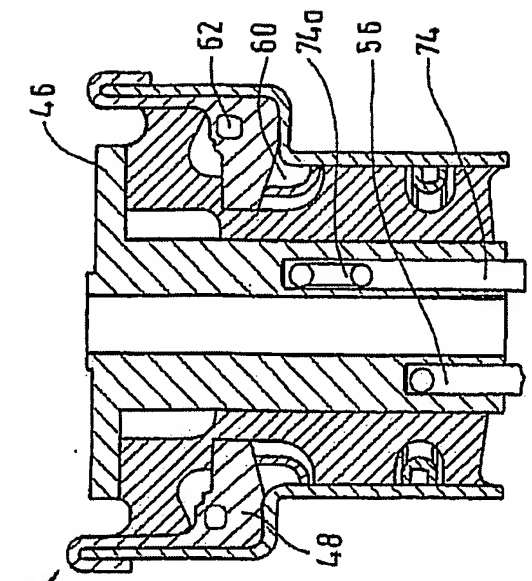


FIG.2

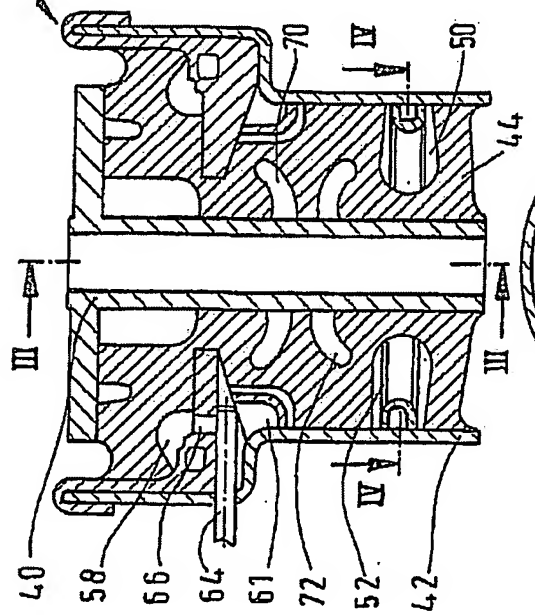
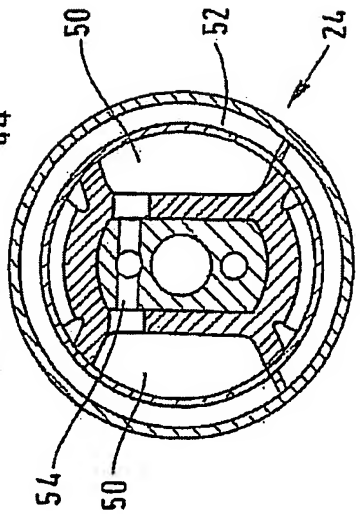


FIG.4



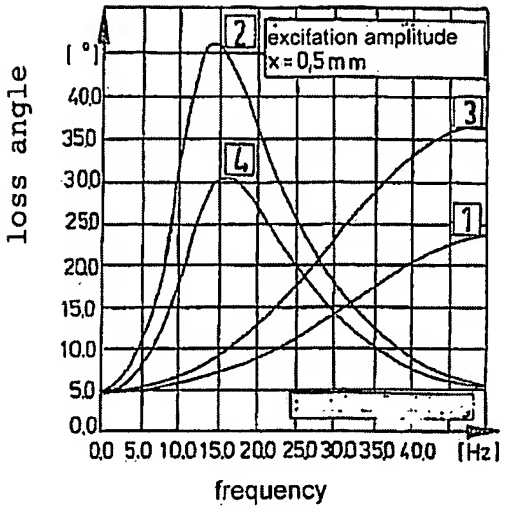


FIG. 5a

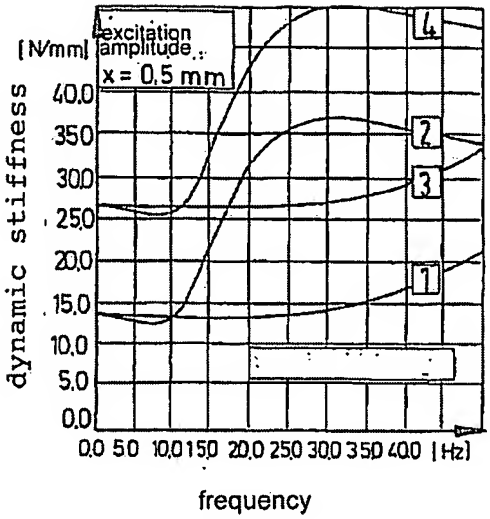


FIG. 5b

FIG. 6

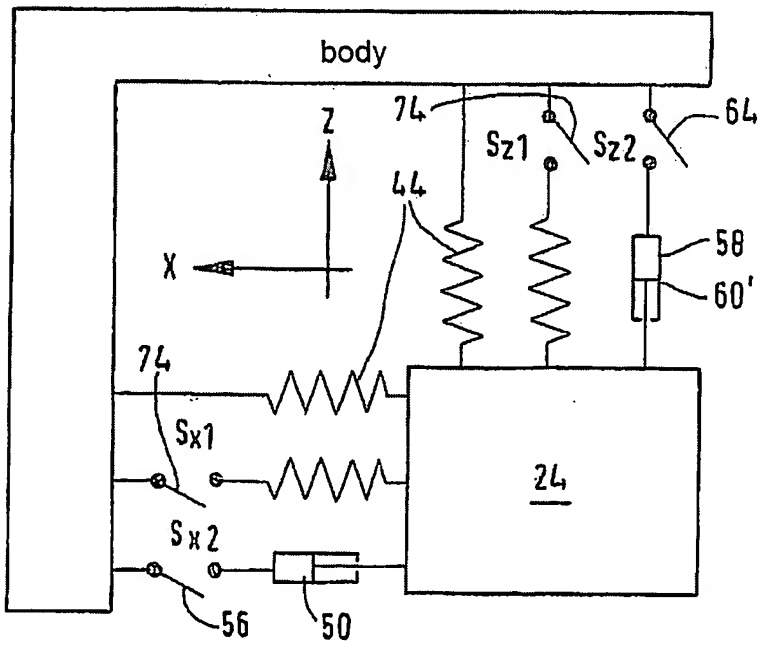


FIG. 7

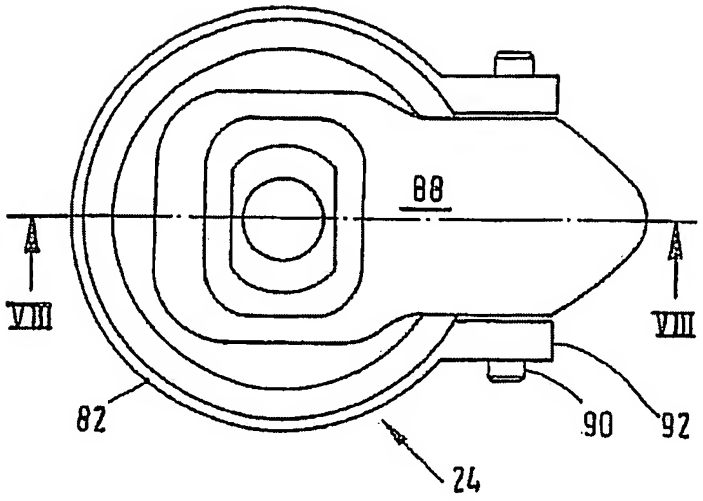


FIG. 8

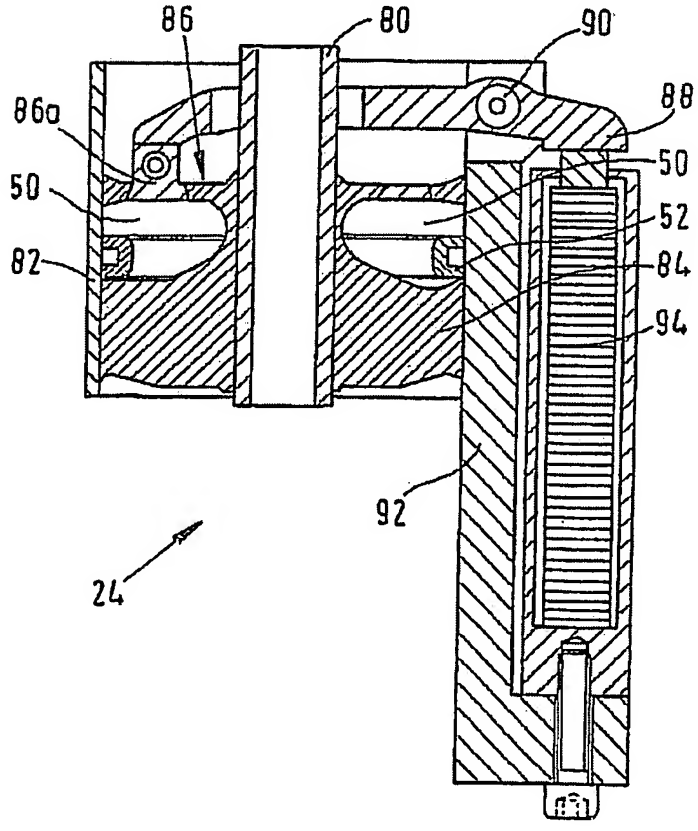


FIG. 9

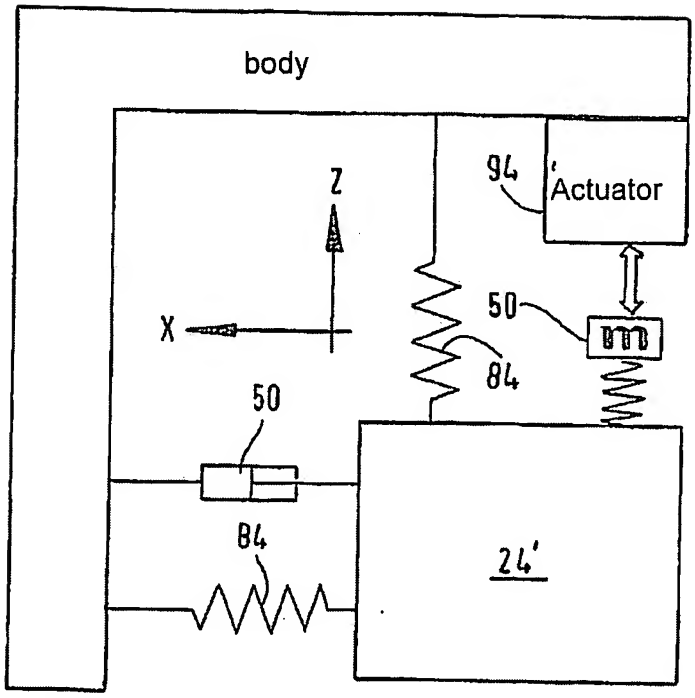
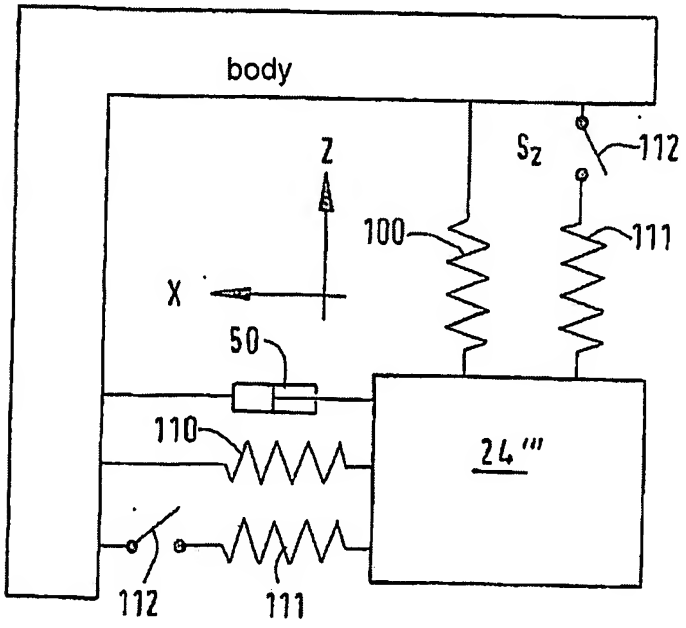

body
Z
X
94
Actuator
50
m
84
50
84
24'

FIG. 14


body
Z
X
S_Z
112
100
111
50
110
24'''
112
111

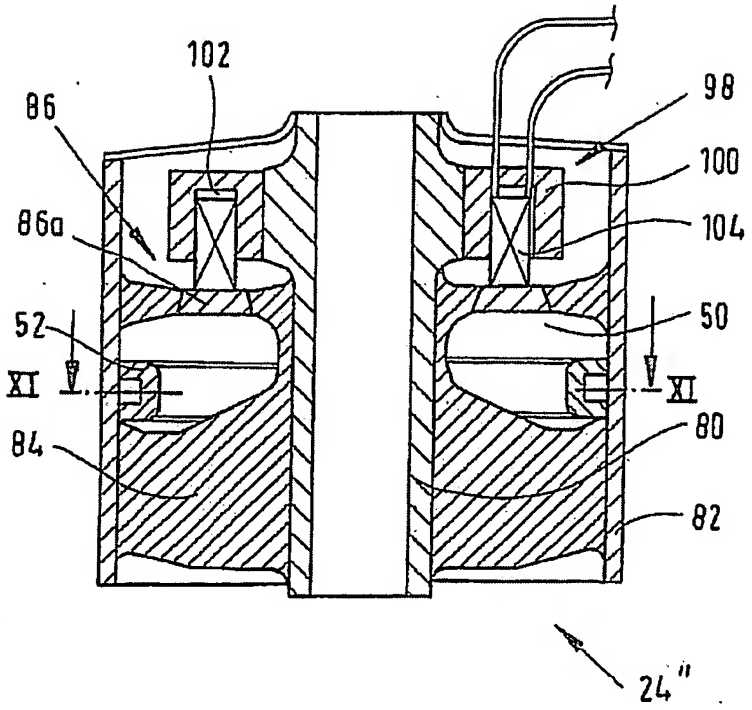
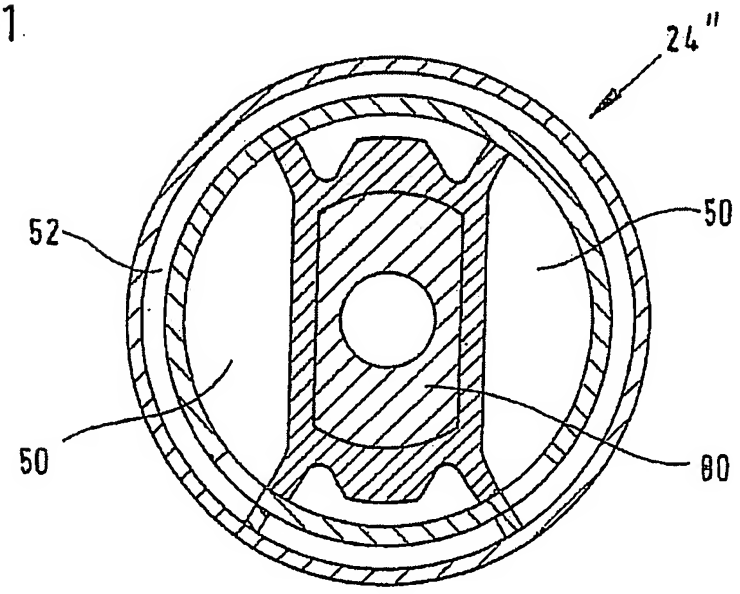


FIG. 10

FIG. 11



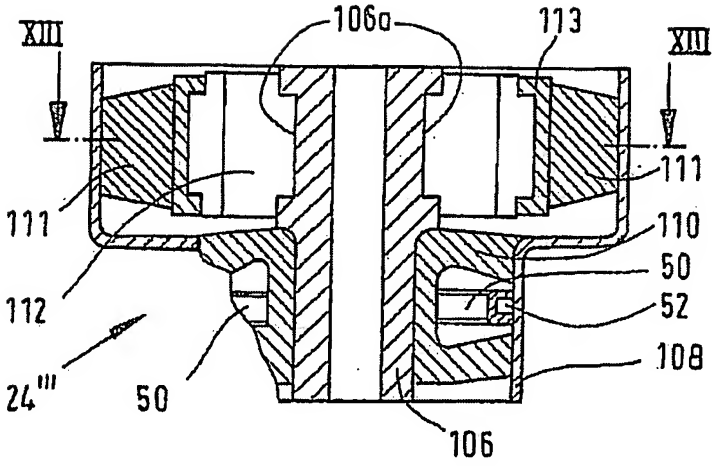

XIII
106a
113
XIII
111
111
110
50
52
112
108
24'''
50
106

FIG.12

FIG.13

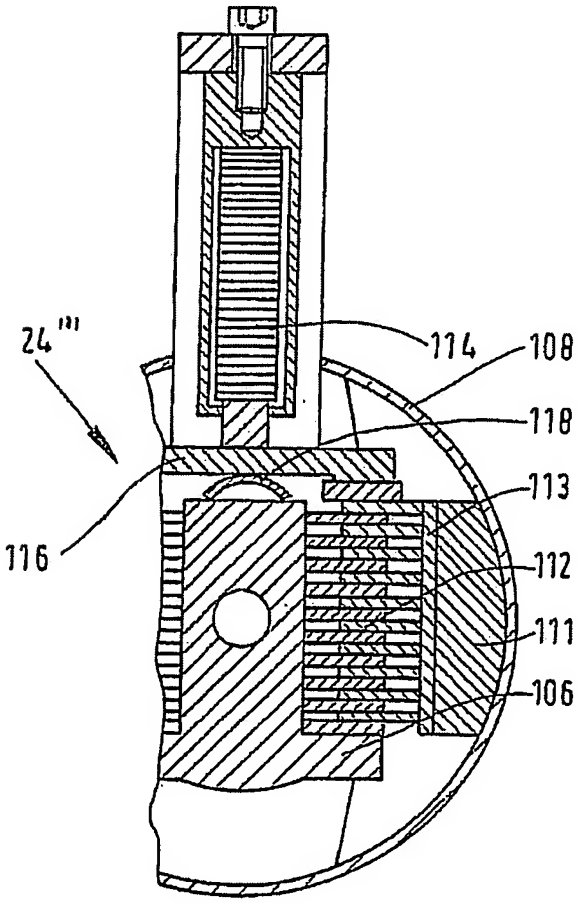

24'''
114
108
118
113
116
112
111
106

FIG.15

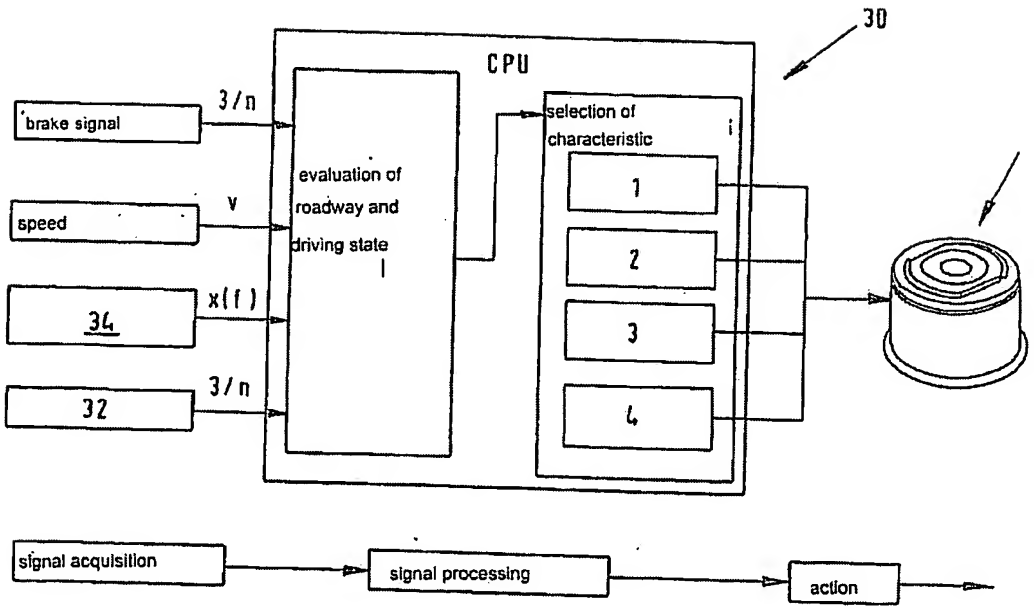
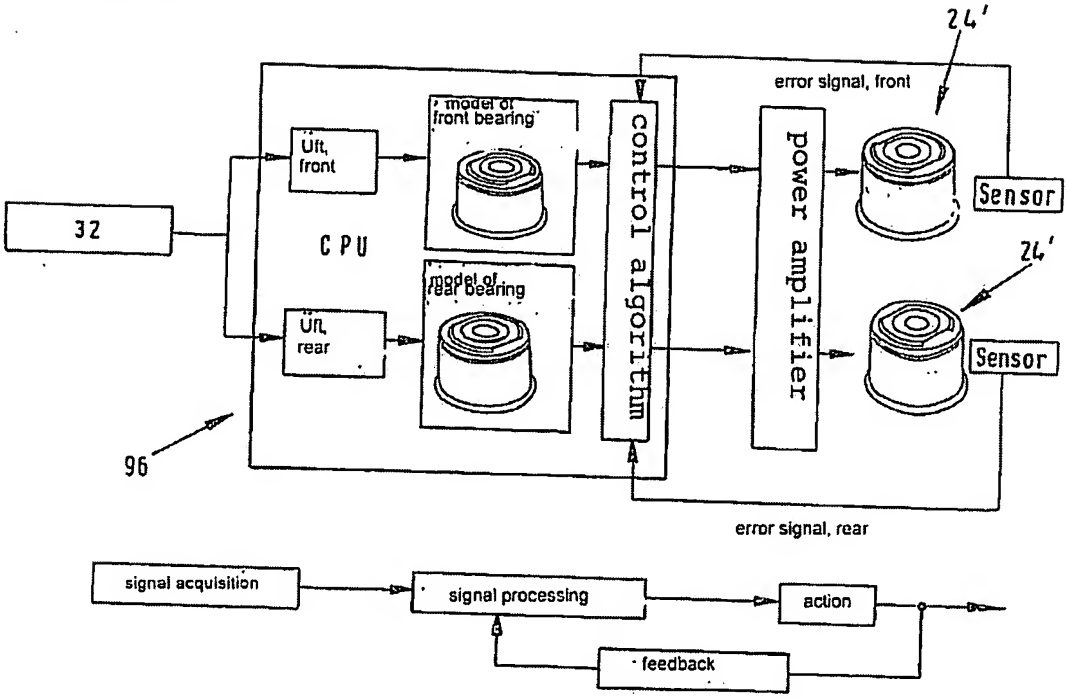

30
CPU
brake signal
3/n
speed
v
34
x(t)
32
3/n
evaluation of roadway and driving state
selection of characteristic
i
1
2
3
4
signal acquisition
signal processing
action

FIG.16



Uft [transfer function]